

Transcription-vector pOLTV5

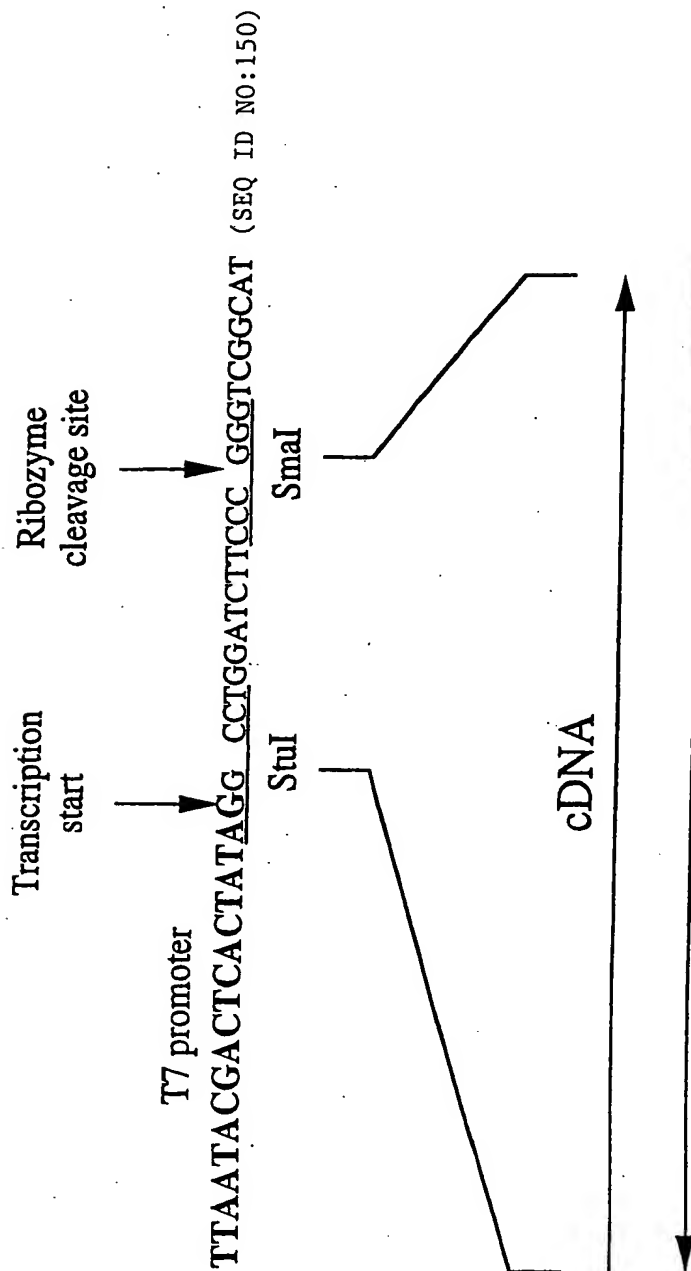


Fig. 1

pOLTV535

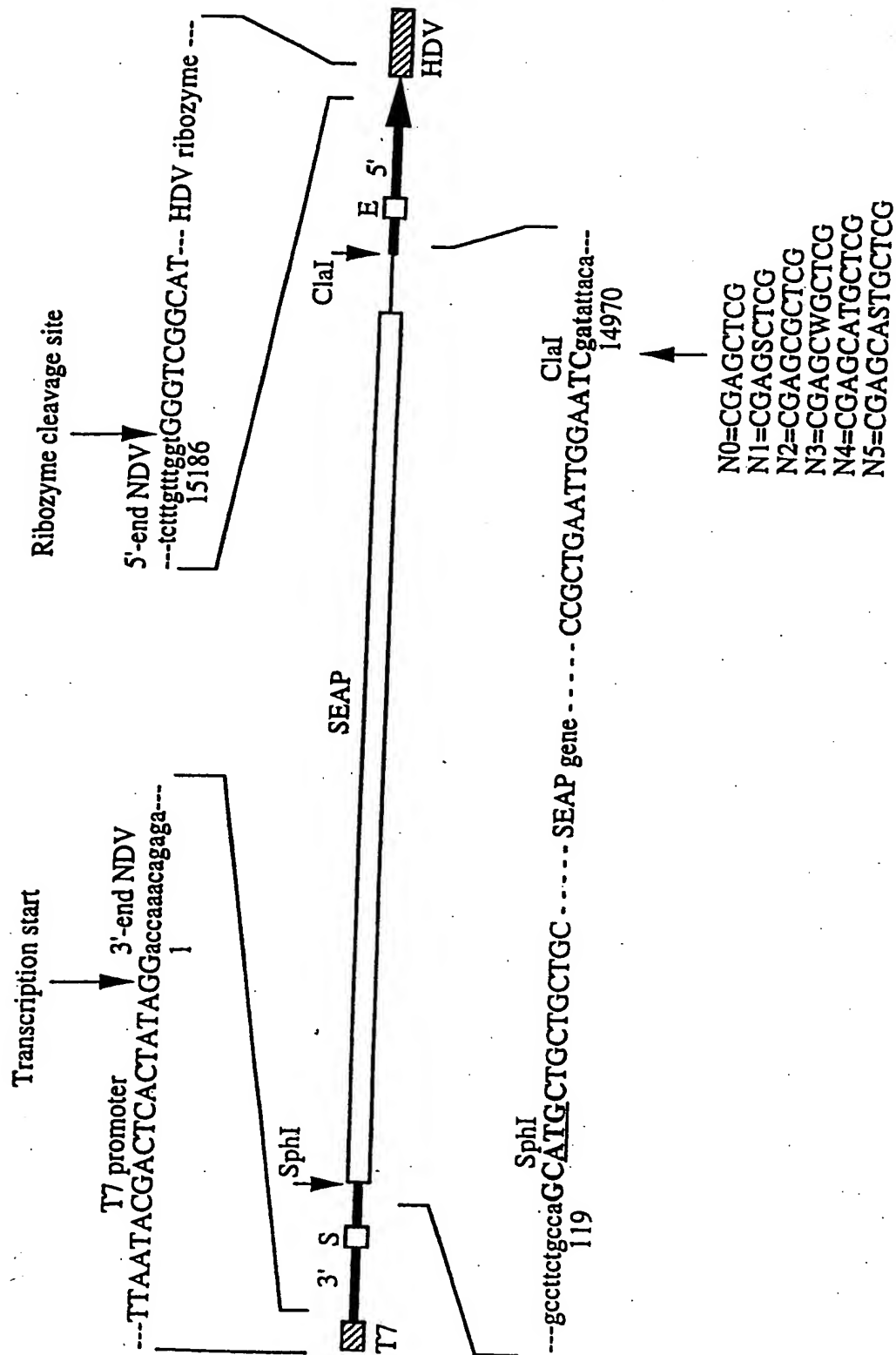


Fig. 2A

T7 promoter

Transcription start

5'-end NDV

15186

SEAP gene

S

E

HDV

Ribozyme cleavage site

3'-end NDV

119

ClaI

SphI

14970

15186

119

N0=CGAGCTCG
N1=CGAGSCTCG
N2=CGAGCGCTCG
N3=CGAGCWGCTCG
N4=CGAGCATGCTCG
N5=CGAGCASTGCTCG

Fig. 2B

Fig. 2B

TITLE: NEWCASTLE DISEASE VIRUS
INFECTIOUS CLONES, VACCINES AND
NEW DIAGNOSTIC ASSAYS

Inventor: Peeters et al.
Docket No.: 2183-4646.2US

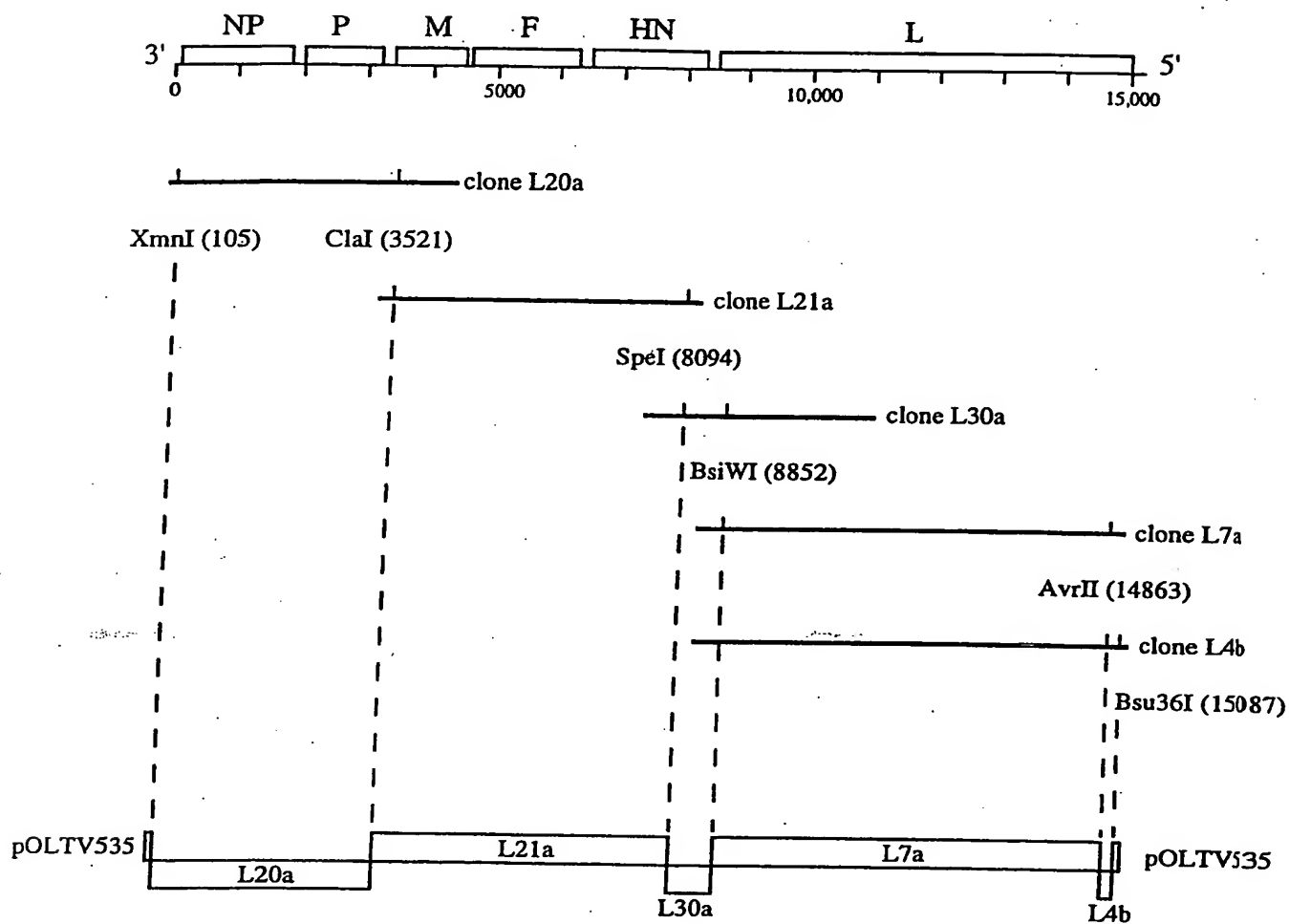


Fig. 3A

Construction of genome-length cDNA clones of NDV "LaSota" E13-1 in pOLTV535

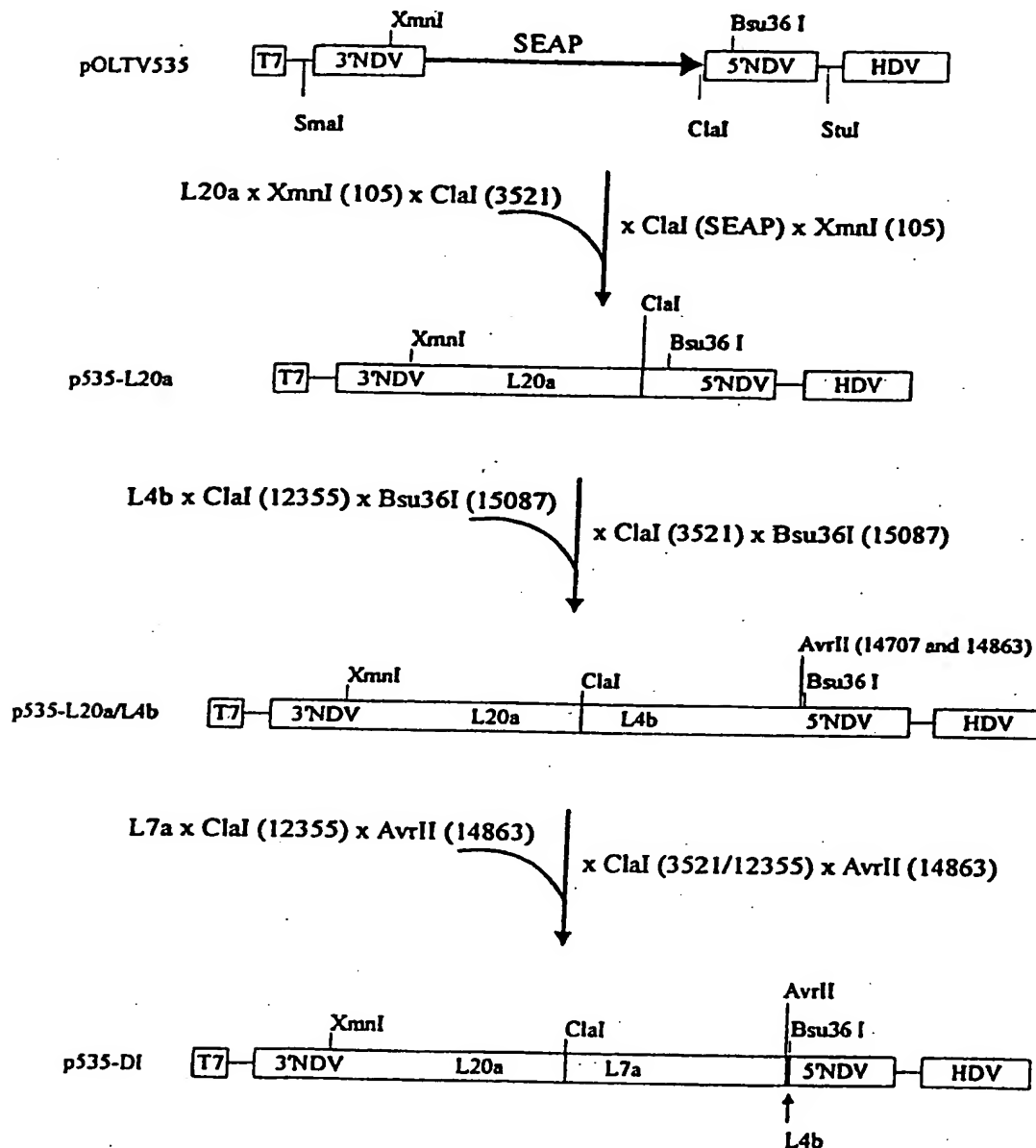


Fig. 3B

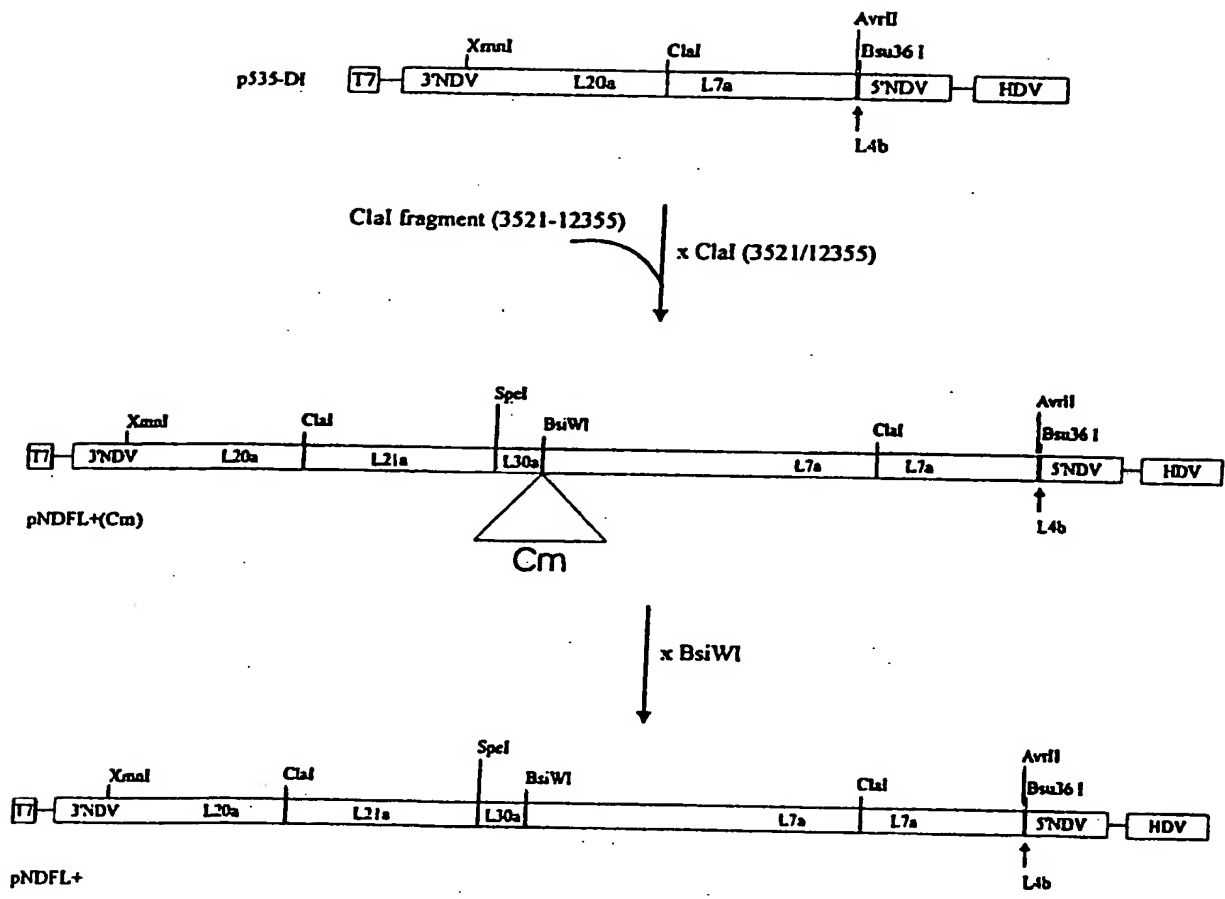


Fig. 3C

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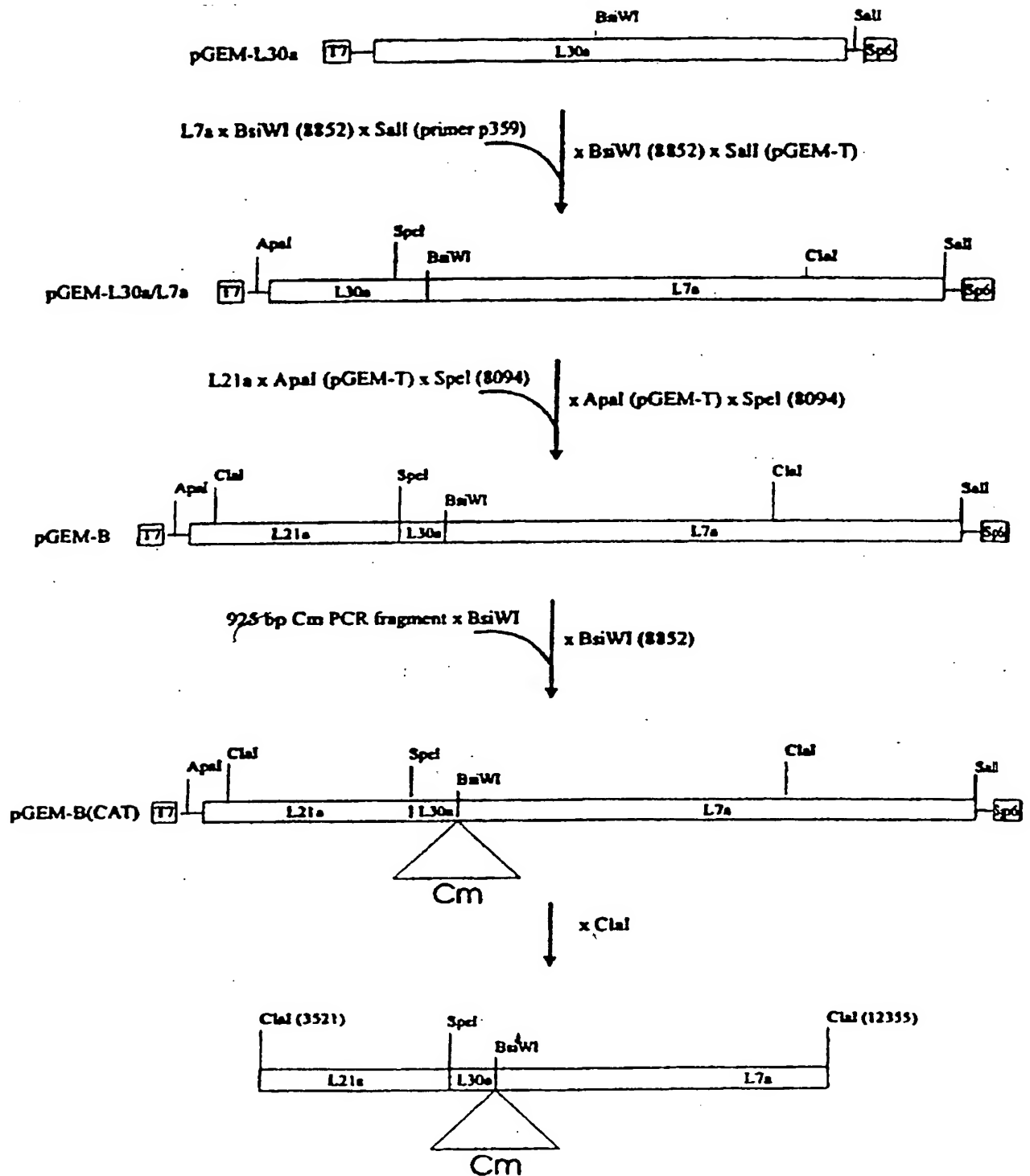


Fig. 3D

Introduction of genetic tag in pNDFL+

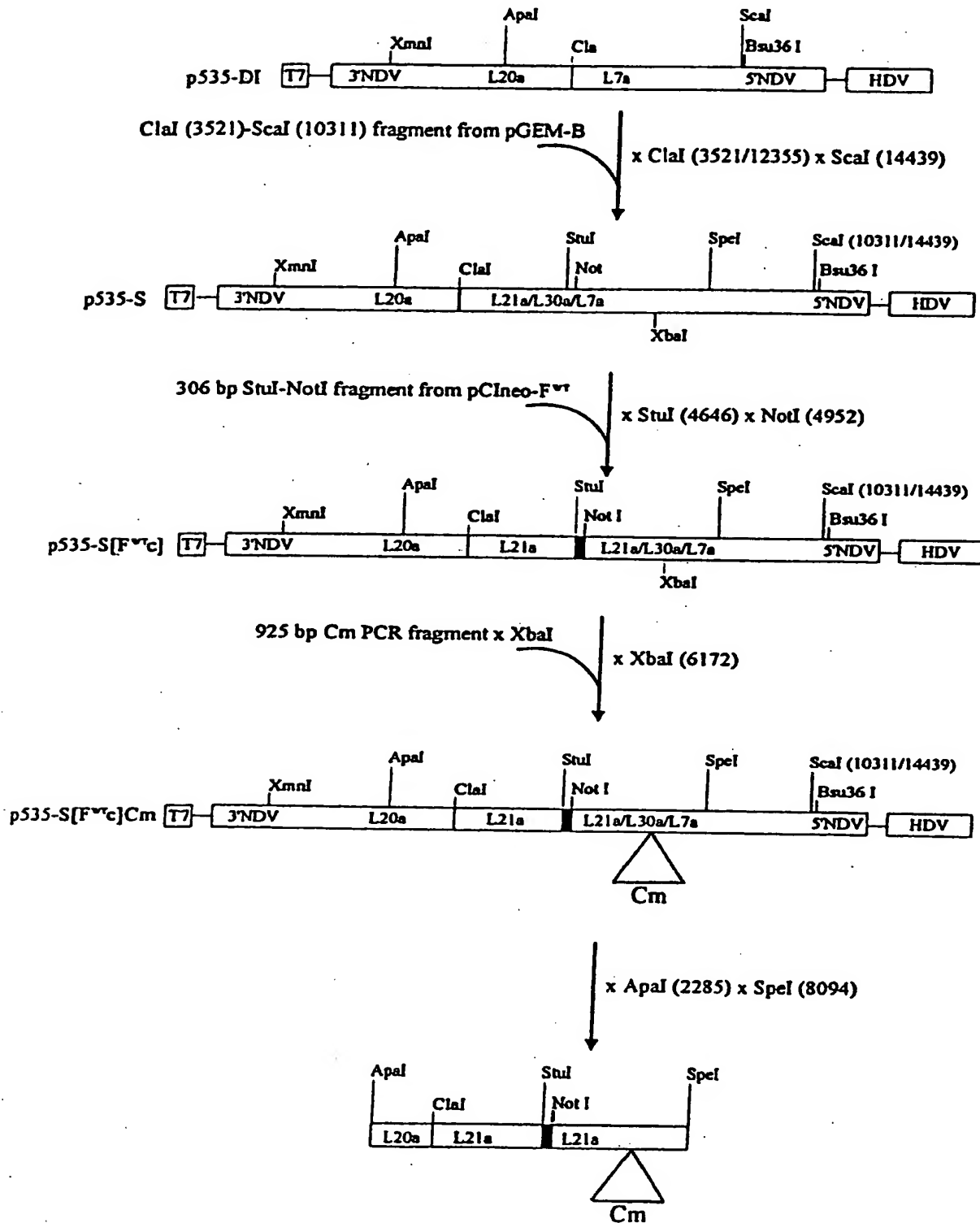


Fig. 3E

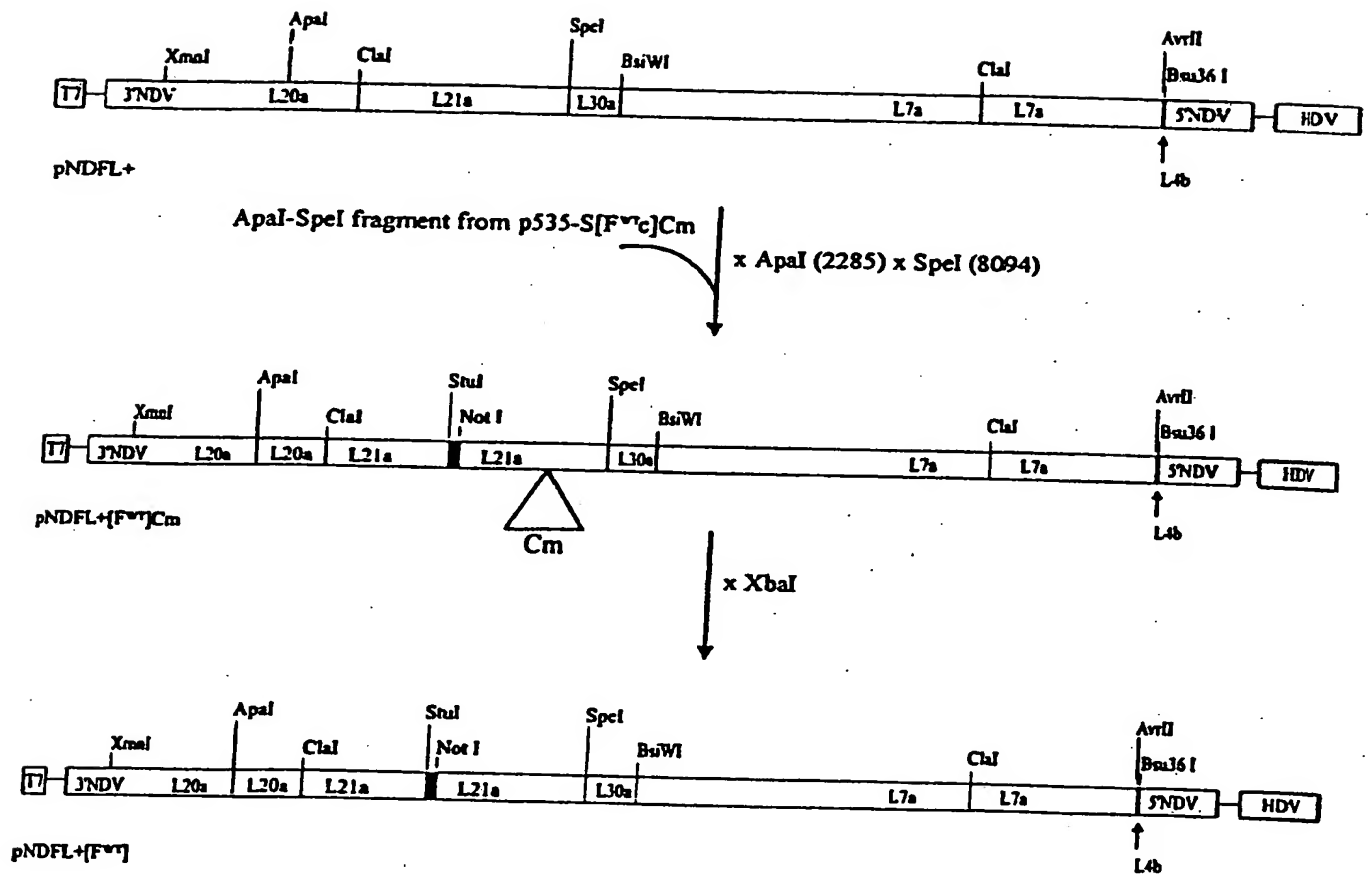


Fig. 3F

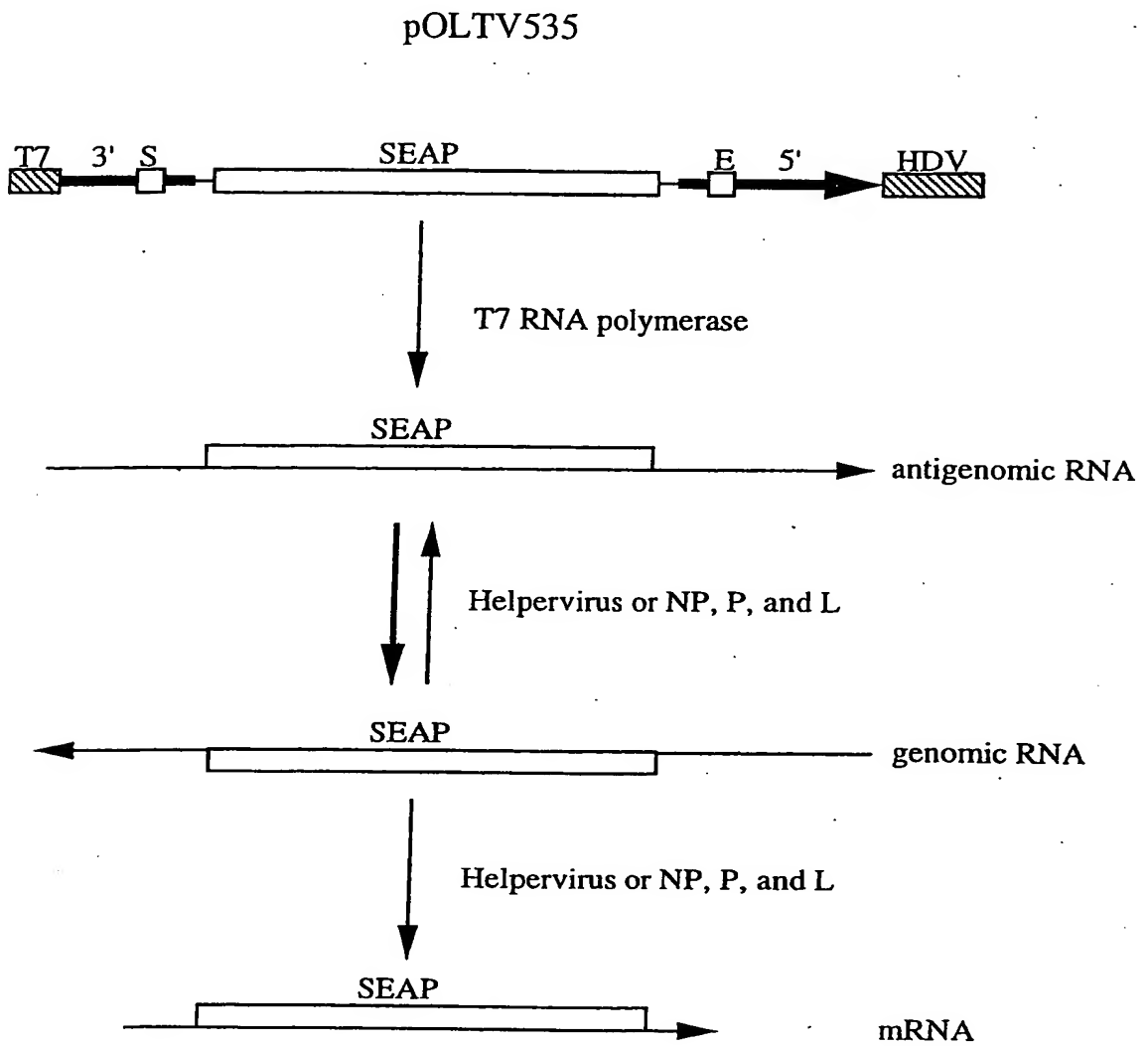


Fig. 4A

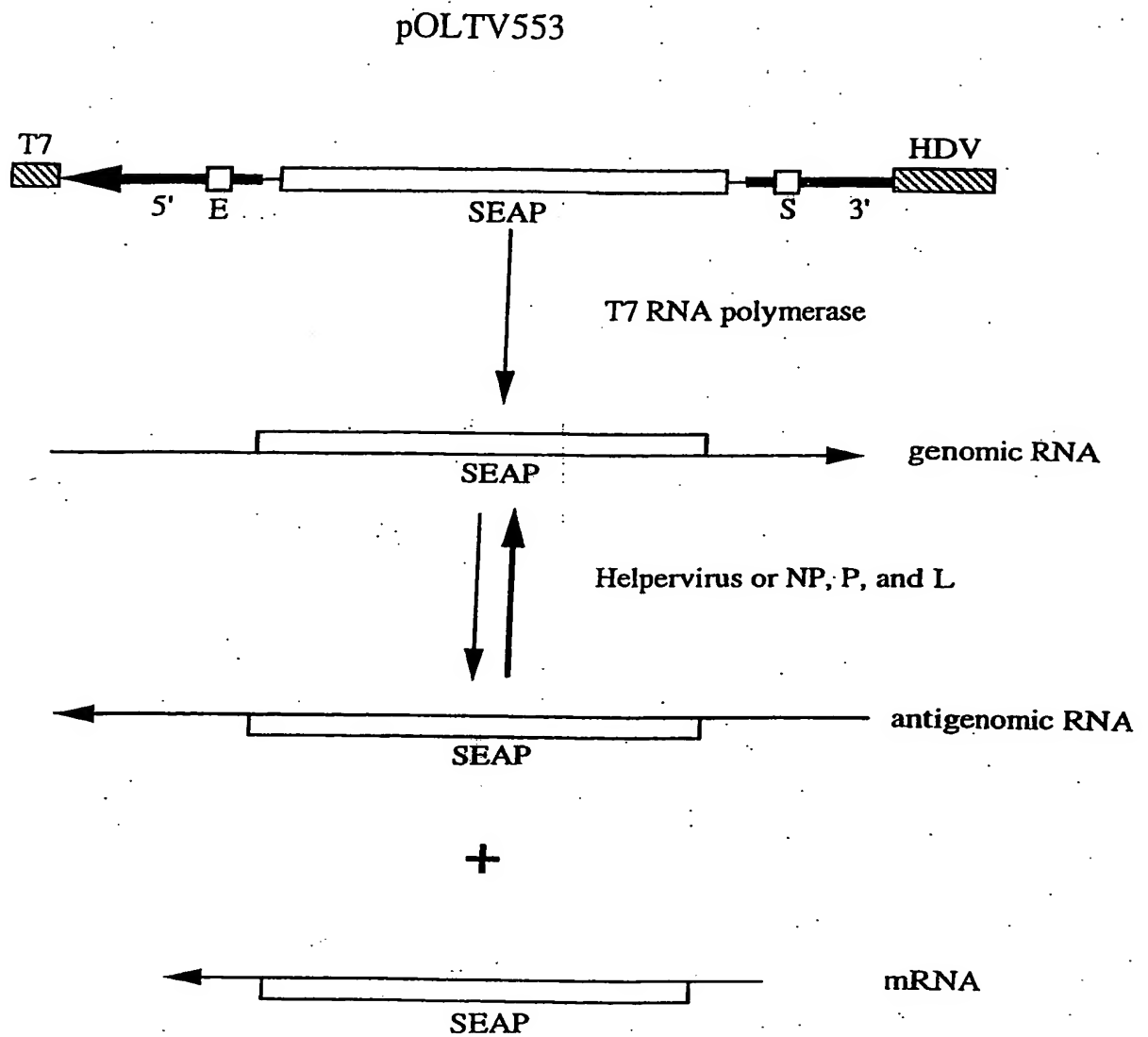


Fig. 4B

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<i>Mobillivirus</i>	CDV	*	20	*	40	*	60	
	MeV							
	RDV							
	bPIV3							
<i>Paramyxovirus</i>	hPIV3							
	SeV							
	NDV							8
	hPIV2							64
<i>Rubulavirus</i>	MuV							
	SV41							
	SV5							
<i>Mobillivirus</i>	CDV	*	80	*	100	*	120	
	MeV							54
	RDV							51
	bPIV3							51
<i>Paramyxovirus</i>	hPIV3							55
	SeV							55
	NDV							68
	hPIV2							124
<i>Rubulavirus</i>	MuV							32
	SV41							35
	SV5							30
								42
								TGGT

Fig. 5